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that may or may not be connected with the central alarm panel; and

(3) Independent fire walls are constructed and installed so as to be of size and orientation sufficient to protect the exterior surfaces of the spaces or modules from extreme radiant heat flux levels, and provide the A-60 standard defined in 46 CFR 108.131(b)(2).

[USCG-1998-3884, 71 FR 57651, Sept. 29, 2006, as amended by USCG-2013-0397, 78 FR 39180, July 1, 2013]

SINGLE POINT MOORINGS

§ 149.650 What are the requirements for single point moorings and their attached hoses?

Each single point mooring and its attached hose must be designed for the protection of the environment and for durability under combined wind, wave, and current forces of the most severe storm that can be expected to occur at the port in any 100-year period. The appropriateness of a design may be shown by its compliance with standards generally used within the offshore industry that are at least equivalent, in protecting the environment, to the standards in use on January 1, 2003, by any recognized classification society as defined in 46 CFR 8.100.

HELICOPTER FUELING FACILITIES

§ 149.655 What are the requirements for helicopter fueling facilities?

Helicopter fueling facilities must comply with 46 CFR 108.489 or an equivalent standard.

EMERGENCY POWER

§ 149.660 What are the requirements for emergency power?

(a) Each pumping platform complex must have emergency power equipment including a power source, associated transforming equipment, and a switchboard to provide power to simultaneously operate all of the following for a continuous period of 18 hours:

- (1) Emergency lighting circuits;
 - (2) Aids to navigation equipment;
 - (3) Communications equipment;
 - (4) Radar equipment;
 - (5) Alarm systems;
 - (6) Electrically operated fire pumps;
- and

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(7) Other electrical equipment identified as emergency equipment in the operations manual for the deepwater port.

(b) The equipment required by paragraph (a) of this section must:

(1) All be located in the same space; and

(2) Contain only machinery and equipment for the supply of emergency power (*i.e.*, no oil or natural gas transfer pumping equipment) in accordance with 46 CFR 112.05.

[USCG-1998-3884, 71 FR 57651, Sept. 29, 2006, as amended by USCG-2013-0397, 78 FR 39180, July 1, 2013]

GENERAL ALARM SYSTEM

§ 149.665 What are the requirements for a general alarm system?

Each pumping platform complex must have a general alarm system that:

(a) Is capable of being manually activated by using alarm boxes;

(b) Is audible in all parts of the pumping platform complex, except in areas of high ambient noise levels where hearing protection is required under § 150.613 of this chapter; and

(c) Has a high intensity flashing light in areas where hearing protection is used.

§ 149.670 What are the requirements for marking a general alarm system?

Each of the following must be marked with the words "General Alarm" in yellow letters at least 1 inch high on a red background:

- (a) Each general alarm box; and
- (b) Each audio or visual device described under § 149.665 of this part for signaling the general alarm.

[USCG-1998-3884, 71 FR 57651, Sept. 29, 2006, as amended by USCG-2013-0397, 78 FR 39180, July 1, 2013]

PUBLIC ADDRESS SYSTEM

§ 149.675 What are the requirements for the public address system?

(a) For a manned deepwater port, each pumping platform complex must have a public address system operable from two locations on the complex.